

GLUPHISIA SEVERA IN NEW JERSEY.

BY HARRISON G. DYAR.

Fourteen larvæ of this species were collected by Mr. Beutenmüller and the writer at Fort Lee, N. J., in May, 1896. The larvæ pupated early in Juns; imago in April, 1897, of the form *avimacula* Hudson. The food-plant was *Populus grandidentata*. Stages IV. and V. were observed, differing in no respect from Californian examples (see Dr. Packard's monograph, p. 98) eggs were obtained from a bred ♀. They correspond exactly with my description except that there is no black spot at the micropyle. This spot in the Californian egg was probably unnatural. The reticulation of the eggs are very small and rather obscure. This species is probably not particularly rare, but escapes observation on account of the unusually early date of appearance.

A NEW ALEURODES ON RUBUS FROM FLORIDA.

BY T. D. A. COCKERELL.

Aleurodes ruborum, sp. nov.

♀. Very minute, about or hardly 1 mm. long; body and legs pale lemon yellow; wings pure white, spotless. The main nervure appears to fork as in *Aleurodicus*, but only the lower branch is a real nervure, the nervure bending at the apparent fork, which is only a little more than half way from the base of the wing; the apparent upper fork is simply a fold. The second nervure arises from the main nervure nearly at the base of the wing. The margins of the wings, after maceration in caustic soda, appear delicately beaded. Eyes not completely divided. Antennæ 7-jointed, second joint excessively stout, its breadth at top, which is obliquely truncate, being at least as great as that of basal portion of femur. Third joint long, cylindrical, coarsely ringed throughout; fourth short and oval, broader than third; fifth narrow, cylindrical, a little longer than fourth, and very much narrower; sixth cylindrical, almost or quite as long as 4+5; seventh shorter than sixth, but longer than fifth; third about as long as 4+5+6. Anterior tibia very slender, its distal end swollen. Middle and hind tibia not nearly twice as long as their tarsi. Genitalia ordinary.

Pupa: About $\frac{1}{2}$ mm. long, oval, flat, delicately transversely ribbed, with a delicate fringe of long, glossy rods, easily broken off; the longest of these rods may be almost or quite as long as the breadth of the pupa. Color of pupa black; by transmitted light after boiling in caustic soda extremely dark vandyke brown. Margin presenting at intervals round, clear orifices, about 14 on each side. Vasiform orifice an elongate triangle, the base about two-thirds the length of a side; operculum heart-shaped, or approximately so, with the corners rounded and the base about as long as a side; lingua projecting only a little beyond, the projecting portion semilunar in outline, showing some tendency to crenulation, after the manner of *A. erigerontis*.

Habitat: Pupæ abundant on under sides of leaves of a cultivated *Rubus* at Lake City, Florida, sent by Mr. A. L. Quaintance. Imago emerging at the middle of February. As this occurred on a cultivated *Rubus*, Mr. Quaintance thought it barely possible it might be an introduced species, but it is probably native in Florida. It certainly is not the European *A. rubi* Signoret, which is more or less marked with black, and has black legs and spotted wings. More nearly it resembles the English species *A. rubicola* Douglas, 1891, which has a yellow body and immaculate white wings; but in *rubicola* the pupa is not black, there is not the fringe of our species, the lingua projects much more beyond the operculum, and there are decided differences in the legs and antennæ of the imago.

PROCEEDINGS OF THE NEW YORK ENTOMOLOGICAL SOCIETY.

MEETING OF JUNE 16, 1896.

Held at the American Museum of Natural History.

President Zabriskie in the chair. Ten members present.

The evening was devoted to a discussion of the best methods of mounting and preparing of insects.

The Treasurer reported the balance of the JOURNAL fund as \$368.06 and the Society fund as \$133.73.

Mr. Beutenmüller read a notice from the Philadelphia Society about the 4th, of July excursion.

MEETING OF SEPTEMBER 15, 1896.

Held at the American Museum of Natural History.

Mr. Beutenmüller was elected temporary chairman. Nine members present.

The Treasurer reported on the funds of the Society.

The Executive Committee was instructed to organize, and devise ways and means to increase the membership and to invest the money of the Society.

The following resignations were reported and accepted: H. Aich, D. H. Ray, G. D. Hulst, A. Smith.

Col. Nicolas Pike was proposed as an active member by Mr. Beutenmüller. A number of rare coleoptera were exhibited by Messrs. Schaeffer, Meitzen and Joutel and after discussion the meeting adjourned.

MEETING OF OCTOBER 6, 1896.

Held at the American Museum of Natural History.

President Zabriskie in the chair. Seventeen members present. Visitors: Dr. George H. Horn, of Philadelphia, and Mr. Blackburn.

Treasurer reported a bill of \$24.00 from the Scientific Alliance as the Society's share of the expenses for the year.